

**Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)**

*The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.*

**Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))  
for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: .....

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: .. BUTLER, Craig N.

Residence: .. PORTLAND, OR  
(city and either US state, if applicable, or country)

Mailing Address: .. 17521 NW LONEROCK DR  
.. PORTLAND, OR 97229

Citizenship: .. US

Inventor's Signature: Craig N. Butler Date: 18 December, 2001  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: .. FLESHLER, Akimasa

Residence: .. PORTLAND, OR  
(city and either US state, if applicable, or country)

Mailing Address: .. 7006 SW 12TH DR  
.. PORTLAND, OR 97219

Citizenship: .. US

Inventor's Signature: Akimasa Fleshler Date: 18 December 2001  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

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Name: .. FRIEDBERG, Stuart A. *OK 3W*

Residence: .. ALOHA, OR  
(city and either US state, if applicable, or country)

Mailing Address: .. 4000 SW 188TH AVE  
.. ALOHA, OR 97007

Citizenship: .. US

Inventor's Signature: *Stuart A. Friedberg* Date: 18 DECEMBER 2001  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: .. McKENNEY, Paul E. *OK 4W*

Residence: .. BEAVERTON, OR  
(city and either US state, if applicable, or country)

Mailing Address: 1975 NW ALBION CT  
BEAVERTON, OR 97006

Citizenship: .. US

Inventor's Signature: *Paul E. McKenney* Date: 19 DECEMBER 2001  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

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# PCT

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCTRule90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

BUTLER, Craig N.  
FLESHLER, Akimasa  
FRIEDBERG, Stuart A.  
MCKENNEY, Paul E.

hereby appoints (appoint) the following person as:



agent



common representative

**Name and address**

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

GARNETT, Pryor A.  
IBM CORPORATION  
15450 SW KOLL PARKWAY, EDO2-805  
BEAVERTON, OR 97006-6063  
US

to represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

in connection with the international application identified below:

**Title of the invention:** VERIFICATION OF PROPER COUPLING OF POWER LINE  
COMMUNICATION UNITS TO POWER CIRCUITS

**Applicant's or agent's file reference:**

BEA920010034

**International application number (if already available):**

filed with the following Office US as receiving Office  
and to make or receive payments on behalf of the undersigned.

**Signature of the applicant(s)** (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power);

Craig N. Butler  
Akimasa Fleshler  
Stuart A. Friedberg  
Paul E. McKenney

BUTLER, Craig N.

FLESHLER, Akimasa

FRIEDBERG, Stuart A.

MCKENNEY, Paul E.

Date: 18 AND 19 DECEMBER 2001

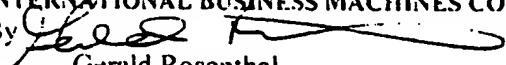
## GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS THAT INTERNATIONAL BUSINESS MACHINES CORPORATION of Armonk, New York 10504, United States of America, a corporation organized and existing under the laws of the State of New York, U.S.A. (hereinafter called the Corporation) has made constituted and appointed and by these presents does make constitute and appoint Pryor A. Garnett of 15450 SW Koll Parkway, Beaverton, Oregon 97006-6063, United States of America, to be the true and lawful attorney and agent of the Corporation and in its name place and stead to hold and exercise all the powers hereinafter stated, that is to say :-

1. Power to act for and on behalf of the Corporation in all matters relating to letters Patent, Registration of Designs, Copyright and Trademarks, to sign the Corporation's name without affixing the Corporation's seal to all documents relating thereto, to appoint agents in respect of individual matters, and the power of substitution, namely to substitute one agent for another, and in these matters to act and do for the Corporation in its name or in the name of its duly appointed agent or agents as effectually as the Corporation itself might act and do under its Corporate Seal.
2. Power to make Declarations and Oaths on behalf of the Corporation in all the aforesaid matters.

And the Corporation hereby ratifies and confirms all that its lawful attorney and agent the said Pryor A. Garnett shall lawfully do or cause to be done by virtue hereof until this Power of Attorney is revoked.

IN WITNESS WHEREOF the Corporation has caused its Corporation Seal to be hereunto affixed this 9<sup>th</sup> day of Feb, Two Thousand and One.

INTERNATIONAL BUSINESS MACHINES CORPORATION  
By   
Gerald Rosenthal  
Vice-President, Intellectual Property & Licensing